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PATENT  
Attorney Docket No. RBN-001DV

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Keene et al.

SERIAL NO.: 10/629,453 GROUP NO.: 1645

FILING DATE: July 29, 2003 EXAMINER: Not yet assigned

TITLE: METHODS FOR ISOLATING AND CHARACTERIZING  
ENDOGENOUS mRNA-PROTEIN (mRNP) COMPLEXES

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the non U.S. patents and publications are enclosed.

### REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
  - the requisite Statement is below, **OR**
  - the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- (3) after the mailing date of a **final action or notice of allowance** but before the payment of the **issue fee, AND**
- the requisite Statement is below, **AND**
- the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

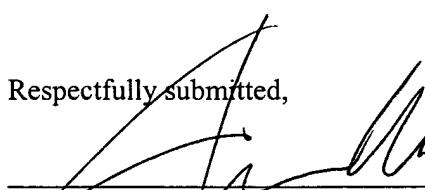
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

#### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

  
Christine C. Vito  
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Date: June 25, 2004  
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3076498



**TRANSMITTAL  
FORM**

Application Serial Number	10/629,453
Filing Date	July 29, 2003
First Named Inventor	Keene
Group Art Unit	1645
Examiner Name	Not yet assigned
Attorney Docket No.	RNB-001DV
Patent No.	Not applicable
Issue Date	Not applicable

**ENCLOSURES (check all that apply)**

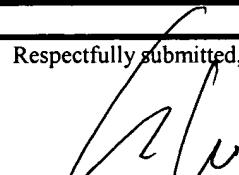
<input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <li><input type="checkbox"/> Check Attached</li> <li><input type="checkbox"/> Copy of Fee Transmittal Form</li> </ul>	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <ul style="list-style-type: none"> <li><input type="checkbox"/> Formal Drawing(s)</li> </ul>	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <ul style="list-style-type: none"> <li><input type="checkbox"/> Appeal Brief (in triplicate)</li> </ul>
<input type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <li><input type="checkbox"/> Preliminary</li> <li><input type="checkbox"/> After Final</li> <li><input type="checkbox"/> Affidavits/declaration(s)</li> <li><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]</li> </ul>	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <ul style="list-style-type: none"> <li><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)</li> </ul>	<input type="checkbox"/> Status Inquiry <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Return Receipt Postcard</li> </ul>
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Terminal Disclaimer <ul style="list-style-type: none"> <li><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application</li> </ul>	<input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <ul style="list-style-type: none"> <li><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8</li> </ul>
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Supplemental Form PTO-1449</li> <li><input checked="" type="checkbox"/> Copies of IDS Citations</li> </ul>	<input type="checkbox"/> Small Entity Statement <ul style="list-style-type: none"> <li><input type="checkbox"/> CD(s) for large table or computer program</li> </ul>	<input type="checkbox"/> Additional Enclosure(s) (please identify below)
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Amendment After Allowance <ul style="list-style-type: none"> <li><input type="checkbox"/> Request for Certificate of Correction</li> </ul>	
<input type="checkbox"/> Sequence Listing submission <ul style="list-style-type: none"> <li><input type="checkbox"/> Paper Copy/CD</li> <li><input type="checkbox"/> Computer Readable Copy</li> <li><input type="checkbox"/> Statement verifying identity of above</li> </ul>	<input type="checkbox"/> Certificate of Correction (in duplicate)	

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**SIGNATURE BLOCK**

Respectfully submitted,

  
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FORM PTO - 1449

SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: RBN-001DV

APPLICANTS: Keene et al.

SERIAL NO.: 10/629,453

FILING DATE: July 29, 2003

GROUP: 1645

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Place of Publication, Relevant Pages, Date)	
	C45	Chen et al., "RNA-Protein Interactions: Involvement of NS3, NS5, and 3' Noncoding Regions of Japanese Encephalitis Virus Genomic RNA," Journal of Virology, Vol. 17, No. 5, pp. 3466-3473, May 1997.
	C46	Tamanini et al. "Oligomerization Properties of Fragile-X Mental-Retardation Protein (FMRP) and the Fragile-X-Related Proteins FXR1P and FXR2P," Biochem., Vol. 343, pp. 517-523, 1999.
	C47	Tillmar et al., "Hypoxia May Increase Rat Insulin mRNA Levels by Promoting Binding of the Polypyrimidine Tract-Binding Protein (PTB) to the Pyrimidine-Rich Insulin mRNA-3'-Untranslated Region," Molecular Medicine, 8(5), pp. 263-272, 2002.
	C48	Wurtz et al., "Identification of Two RNA-Binding Proteins in Balbiani Ring Premessenger Ribonucleoprotein Granules and Presence of These Proteins in Specific Subsets of Heterogeneous Nuclear Ribonucleoprotein Particles," Molecular and Cellular Biology, Vol. 16, No. 4, pp. 1425-1435, April 1996.
	C49	International Search Report PCT/US03/38475, May 13, 2004, 6 pages.

EXAMINER

DATE CONSIDERED

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